

Upper Feather River Integrated Regional Water Management Plan

County of Plumas ~ Plumas National Forest
Sierra Valley Groundwater Management District
Plumas County Flood Control & Water Conservation District

I. Introduction – The Four Components of Integration

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II. Regional Integration

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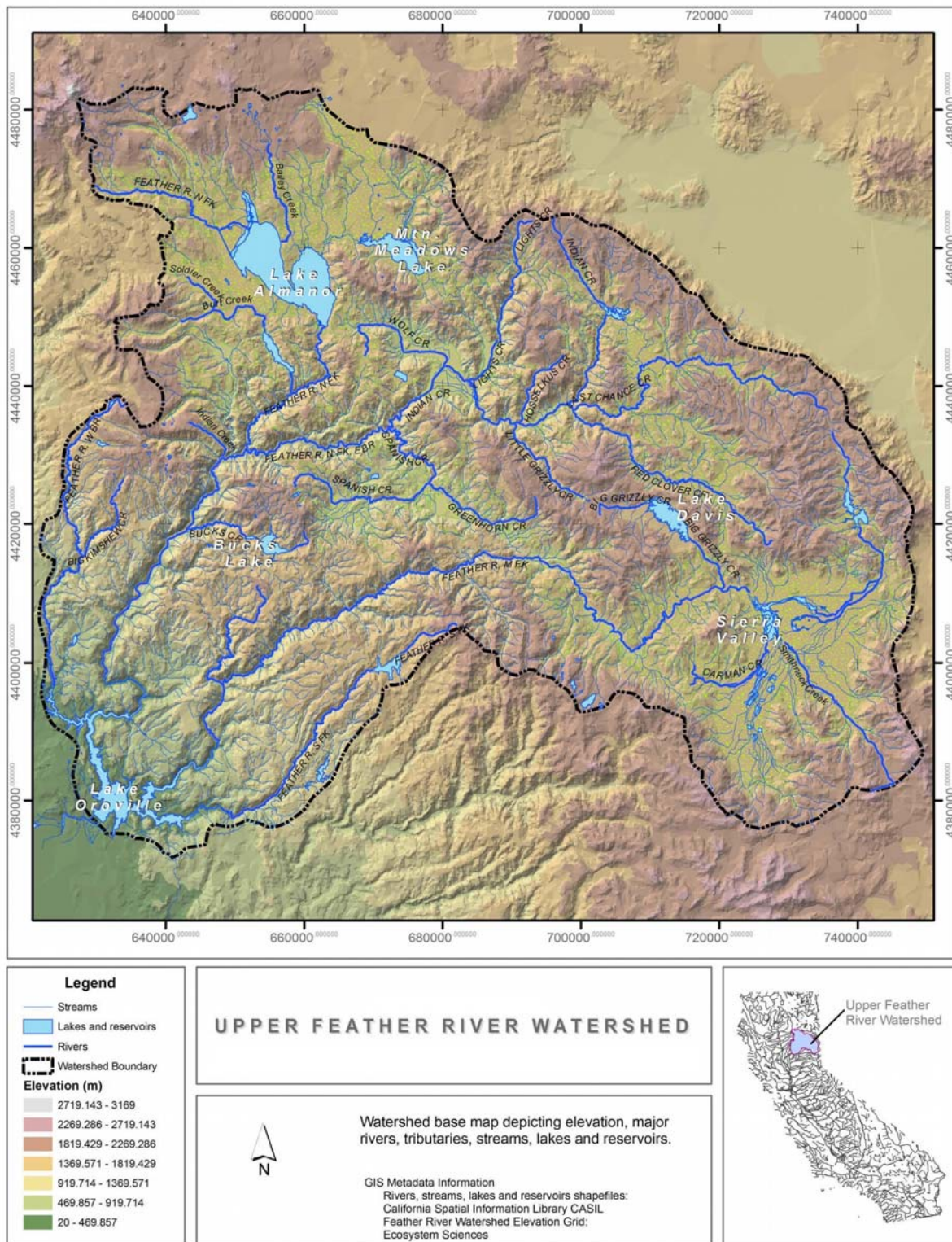
III. U.S. Forest Service and Water Management

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IV. Watershed Integration - Sustainable Resource Management

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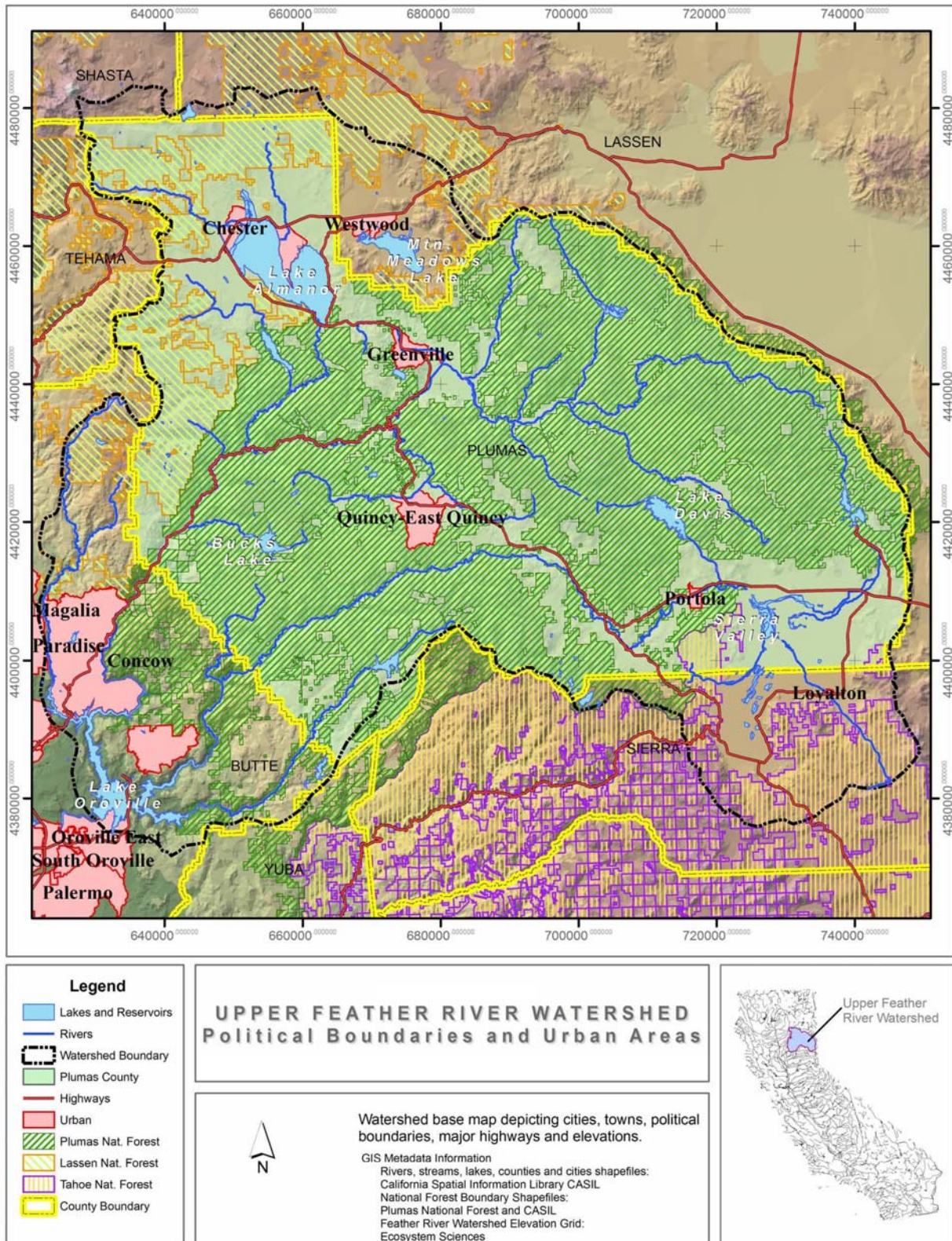
Upper Feather River Watershed



The Four Components of Integration

- **Institutional Integration.** Water management and policy are carried out through partnerships and active coordination by local, state, and federal agencies, breaking down the institutional boundaries and regulatory barriers that have been the downfall of many past resource management efforts in the West. The IRWM Plan for the Upper Feather River, and the implementation projects, underscore a firm commitment by the IRWM partners and other cooperating entities and agencies to work jointly towards common resource objectives. This integration is manifest in ongoing management and regulatory venues through the implementation of the proposed Prop. 50 projects and other ongoing endeavors.
- **Resource Integration.** The IRWM Plan for the Upper Feather River represents an integration of the management objectives for surface water, groundwater, land use practices, and ecosystem restoration and management. The treatment of these resources and practices within the IRWM Plan avoids single species or single resource focus and instead works towards multiple resource and species objectives throughout the watershed. The integration of resources through the IRWM Plan will solidify institutional agreement through on-the-ground actions within common resource objectives.
- **Watershed Integration.** The IRWM Plan and ongoing and proposed projects are undertaken on a watershed scale to maximize feasibility and success. The watershed boundary represents the logical geographic planning focus to achieve the most effective integration venue of resources, governments, and interest groups. By working on a commonly supported set of management goals for the watershed and not each resource, or by not focusing on each agency's boundaries and authority individually, a true integrated resource program can be efficiently implemented.
- **Analysis and Data Integration.** Ongoing and proposed projects within the watershed will work within common protocols for data collection and utilization. The work on the projects will result in a uniform process for managers in reviewing, testing, and adapting to data which is collected within common parameters. Distribution and availability of data will be in a form acceptable to, and endorsed by, the IRWM partners and cooperating entities so as to most efficiently utilize information.

Jurisdictional Boundaries



Regional Collaboration

Feather River CRM (1985)

Plumas County
Plumas National Forest
California Department of Forestry and Fire Protection
California Department of Fish and Game
California Department of Water Resources
Central Valley Regional Water Quality Control Board
Feather River College
North Cal-Neva Resources Conservation and
Development District
Plumas Unified School District
Natural Resources Conservation Service
U.S. Army Corp of Engineers
U.S. Fish and Wildlife Service
California Department of Transportation
California Department of Parks and Recreation
Plumas County Community Development Commission
U.C. Cooperative Extension
Feather River Resource Conservation
Salmonid Restoration Federation
Plumas Corporation
USDA Farm Services Agency
Trout Unlimited

Plumas Watershed Forum (2003)

Plumas County Flood Control District
California Department of Water Resources
State Water Project Contractors
Technical Advisory Committee
Plumas National Forest
Sierra Valley Groundwater Management District
Sierra Valley Resource Conservation District
Sierra County
Feather River CRM
U.C. Cooperative Extension
California Department of Fish and Game
Feather River Resource Conservation District
Maidu Cultural & Development Group
Central Valley Regional Water Quality Control Board
Natural Resources Conservation Service



Integrated Regional Water Management Plan (2005)






































































































































Partners

County of Plumas
Plumas National Forest
Sierra Valley Groundwater Management District
Plumas County Flood Control & Water Conservation District




Cooperating Entities

Sierra County - Butte County - Quincy Community Services District
Indian Valley Community Services District - Maidu Cultural & Development Group
Feather River CRM - Feather River Land Trust - Sierra Institute - Other Tribal Entities

IRWM Goals and Objectives Addressed in Preexisting Plans

IRWM Goals and Objectives	FERC #1962 (page, Appendix: Section numbers)	FERC #2105 (page, Appendix: Section numbers)	Monterey Settlement Agreement (page number)	Feather River Watershed Management Strategy (page numbers)	FRCRM Plan (Appendix: page number)	Plumas NF-LRMP (page numbers)	SV Groundwater Management (Bill: Article numbers)
Improve Local Water Retention			19 	19 	1 	4-7 	1391.8,7 
Reduce Flood Potential	A.2 	A.3 					
Improve Water Quality (temperature and sediment)	5 A.1,4 	6 A.5 	19 	21 	A.3 	4-7 	
Improve Water Quality to Meet TMDL Limits			19 	21 	1 		
Improve Upland Vegetation Management			19 	9, 17 	2 	4-5 	
Improve Groundwater Retention and Storage in Major Aquifers			19 	19 	1 		1391.8 
Restore Salmon Fishery in North Fork and Middle Fork Feather River Mainstems and Tributaries	5 A.3 	5 A.5 					
Maintain Continuous Flow in Perennial Streams	5 A.2 	5 A.1 	19 	19 	1 	4-7 	
Streambank Protection	5 A.2 	5 	19 	16, 19 	2 	4-7 	
Sediment Transport Reduction	5 A.4 	5 	19 	15, 21 	2 	4-7 	
Stream Temperature Improvement	5 A.1 	8 			2 	4-7 	
Agriculture NPS Waiver Program							
Wetland Wastewater Treatment				21 	2 		
Road Closure or Improvement				15 	A.3, 6 	4-10 	
Grazing Management				9 	2 	4-5 	
Groundwater Recharge-Extraction Balance			19 	18 			1401.1 
Instream and Riparian/Wetland Habitat	5 A.3 	5 A.1 	19 	16 	2 	4-7 	
Education and Outreach		A.8 		21, 25 	2 		
Monitoring and Adaptive Management	A.2,4,7 	A.1,5,7 		24 	4 		

Key:

-  = Does not address the subject.
-  = Fully addresses the subject.
-  = Partially addresses the subject.